



Lake County *Department of Agriculture*



2016 Crop Report



COUNTY OF LAKE
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STEVEN HAJIK
Agricultural Commissioner
Sealer of Weights & Measures

December 12, 2017

Karen Ross, Secretary

California Department of Food and Agriculture

The Honorable Board of Supervisors of Lake County

It is my pleasure to present the Lake County Agricultural Report for the year 2016 in accordance with sections 2272 and 2279 of the California Agriculture Code. The gross value of Lake County Agriculture production for 2016 was \$113,829,790. This is an increase of 12%. The increase can be attributed to an increase in the value of the wine grape and and timber industries. **This report represents gross agricultural receipts and does not reflect production costs or net income to the producers.**

The gross value of wine grapes was \$78,643,584 an increase of 24% from 2015. The total tonnage was 46,528 and the total grape acreage was 9,420, an increase of 635 acres. The tons per acre increased by 15% and the average price per ton increased by 3%. The wine grape return (price per ton) continues to increase each year.

In 2016 the gross value of pears was \$20,849,889, a decrease of 21% from 2015. The total production decreased by 8,114 tons, and the price per ton increased slightly. The pear acreage remained the same at 2,034 acres.

Timber production went from \$28,447 to \$5,101,380 due to salvage logging.

The gross value of walnuts was \$3,674,529, a decrease of 32% and production slightly decreased. The price per ton decreased by 31% and acreage decreased by 100 acres.

Increases were noted in field crops (14%) and miscellaneous fruit (3%). Decreases were noted in nursery production (37%), livestock production (18%), vegetables (22%) and livestock and poultry products (6%).

The gross value of pears in this report represents the value of the pears after they are packed and processed. The figures do not indicate the value of the pears at the time of harvest or the gross income of the producers. The gross value of all other commodities in this report represent the value of each commodity at the time of harvest.

I wish to express my appreciation to the many individuals and organizations who contributed to making this report possible.

Respectfully submitted,

Steven Hajik

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Agricultural Commissioner/Sealer of Weights and Measures

2016 FRUIT AND NUT CROPS

COMMODITY	MARKET TYPE	YEAR	PRODUCTION (TONS)	YIELD (TONS / ACRE)	RETURNS \$ / Ton	GROSS VALUE	BEARING ACRES
WINE GRAPES							
WHITES		2016	20,160	7.2	\$1,170	\$23,587,200	2,776
		2015	15,565	5.5	\$1,154	\$17,972,823	2,809
REDS		2016	26,368	4.8	\$2,088	\$55,056,384	5,449
		2015	23,221	4.4	\$1,955	\$45,417,358	5,254
TOTAL ALL WINE GRAPES		2016	46,528	5.6	\$1,690	\$78,643,584	8,225
		2015	38,786	4.8	\$1,634	\$63,390,181	8,063
PEARS							
BARTLETT INCLUDING RED	FRESH	2016	11,502		\$1,009	\$11,605,518	
		2015	14,866		\$980	\$14,580,777	
	CANNERY	2016	17,175		\$425	\$7,299,375	
		2015	19,374		\$414	\$8,011,336	
	BY-PRODUCTS & Juice	2016	1,949		\$260	\$506,740	
		2015	3,263		\$325	\$1,058,826	
TOTAL BARTLETT		2016	30,626	16.4	\$634	\$19,411,633	1,863
		2015	37,503	20.1	\$631	\$23,650,938	1,863
All Other ¹ (INCLUDES; ASIAN, BOSC, COMICE, SECK- EL)	FRESH	2016	1,193		\$1,135	\$1,354,055	
		2015	2,151		\$1,099	\$2,365,016	
	BY-PRODUCTS	2016	585		\$144	\$84,201	
		2015	864		\$95	\$82,216	
TOTAL OTHER		2016	1,778	12.0	\$809	\$1,438,256	148
		2015	3,015	20.4	\$812	\$2,447,232	148
TOTAL ALL PEARS		2016	32,404	16.1	\$643	\$20,849,889	2,011
		2015	40,518 ¹	20.1 ¹	\$644	\$26,098,171 ¹	2,011
WALNUTS							
TOTAL ALL WALNUTS		2016	1,466	.40	\$2,507	\$3,674,529	3,650
		2015	1,479	.39	\$3,640	\$5,383,560	3,750
MISCELLANEOUS FRUITS & NUTS							
Olives		2016	67	1	\$650	\$43,550	67
		2015	65	1	\$650	\$42,250	65
MISCELLANEOUS ²		2016				\$65,350	19
		2015				\$55,122	19
TOTAL MISCELLANEOUS		2016				\$108,900	86
		2015				\$105,658	84
TOTAL ALL FRUIT AND NUTS		2016				\$103,276,902	13,970
		2015				\$94,977,570	13,908

¹ . THIS IS THE FOB PRICE WHICH INCLUDES PROCESSING AND PACKING COSTS.

² INCLUDES APPLES, PEACHES, STRAWBERRIES, MELONS

FRUIT AND NUT ACREAGE

CROP		Bearing Acres	Non-Bearing Acres	Total
PEARS	Bartlett	1,863	15	1,878
	All Other Pears	148	8	156
	Total	2011	23	2,034
WINE GRAPES	Whites	2,776	187	2,963
	Reds	5,449	1,008	6,457
	Total	8,225	1,195	9,420
WALNUTS		3,650	266	3,916
OLIVES		67	0	67
MISCELLANEOUS ¹		19	0	19
TOTAL		13,972	1,484	15,456

¹Includes Apples, Peaches, Strawberries, Melons, Etc.



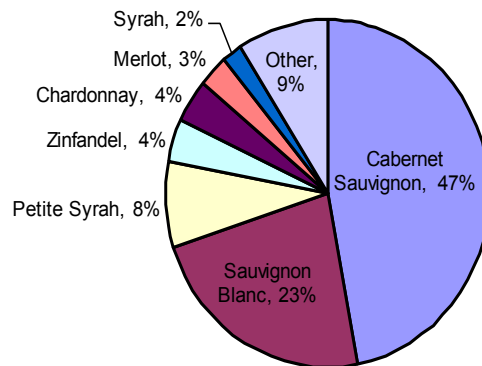
NURSERY PRODUCTION

YEAR	GREENHOUSE SQ. FEET	FIELD ACRES	VALUE
2016	17,070	43.12	\$924,658
2015	20,350	46.7	\$1,474,200

Top Wine Grape Varieties

Variety	Tons Crushed	Weighted Average Returns	Total
Cabernet Sauvignon	15,664	\$2,345	\$36,732,080
Sauvignon Blanc	15,814	\$1,155	\$18,265,170
Petite Syrah	3,394	\$1,880	\$6,380,720
Zinfandel	1,858	\$1,596	\$2,965,368
Chardonnay	2,380	\$1,254	\$2,984,520
Merlot	1,625	\$1,391	\$2,260,375
Syrah	1,076	\$1,619	\$1,742,044
All Other	4,717	VARIES	\$7,313,307

Top Wine Grape Varieties Based On Value



All Other Wine Grape Varieties

Aglianico	Albarino	Barbera	Cabernet Franc
Carignane	Chenin Blanc	Cinsaut	Counoise
Gewurztraminer	Grenache	Grenache Blanc	Malbec
Marsanne	Mataro	Muscat Blanc	Muscat Orange
Nebbiolo	Petit Verdot	Pinot Gris	Pinot Noir
Primitivo	Sangiovese	Sauvignon Musque	Semillon
Souzao	Tempranillo	Touriga Nacional	Trousseau
Vementino	Viognier	White Riesling	

LIVESTOCK PRODUCTION

COMMODITY	YEAR	NO. OF HEAD	TOTAL CWT ¹ (LIVE WT)	VALUE PER CWT	VALUE
CATTLE AND CALVES	2016	1,980	10,890	\$170	\$1,851,300
	2015	2,000	9,500	\$230	\$2,185,000
MISCELLANEOUS ²	2016				\$41,250
	2015				\$34,530
TOTALS	2016				\$1,892,550
	2015				\$2,306,555

¹ CWT = 100 POUNDS

² INCLUDES GOATS, SHEEP, HOGS, RABBITS, MEAT CHICKENS, AND OTHER MEAT BIRDS



LIVESTOCK AND POULTRY PRODUCTS

	YEAR			VALUE
MISCELLANEOUS ¹	2016			\$168,300
	2015			\$179,034

¹ INCLUDES EGGS, CHEESE, WOOL, AND HONEY

ORGANIC ¹ FARMING STATISTICS

CROPS 2016	NUMBER OF FARMS	ACRES	VALUE
WALNUTS	57	1,766	
WINE GRAPES	17	403	
MISCELLANEOUS VEGETABLES	11	19	
PEARS	4	184	
MISCELLANEOUS FRUIT	13	6	
OLIVES	6	29	
GRAINS ²	1	5	
TOTAL	109	2,412	\$7,120,257

¹ REGISTERED ORGANIC WITH THE LAKE COUNTY AGRICULTURAL COMMISSIONER

² ORGANIC GRAINS, INCLUDING HOPS

ORGANIC WALNUTS	ACRES		VALUE
	1,766		\$2,347,098



VEGETABLE CROPS

COMMODITY	YEAR	ACRES	VALUE
MISCELLANEOUS VEGETABLES ¹	2016	18	\$230,500
	2015	21	\$296,002
¹ INCLUDES PUMPKINS, BEANS, SWEET CORN, GARLIC, HERBS, PEAS, POTATOES, SQUASH, TOMATOES, ETC.			

FIELD AND SEED CROPS

COMMODITY	YEAR	ACREAGE	RETURNS (\$ ACRE)	VALUE
IRRIGATED PASTURE	2016	700	\$100	\$70,000
	2015	700	\$100	\$70,000
RANGE	2016	90,000	\$8.50	\$765,000
	2015	90,000	\$8.50	\$765,000
MISCELLANEOUS ¹	2016	2,450	VARIES	\$1,400,500
	2015	2,505	VARIES	\$1,124,865
TOTAL	2016	93,150		\$2,235,500
	2015	93,205		\$1,959,865
¹ INCLUDES WILD RICE, OAT HAY, ALFALFA, GRASS HAY, HOPS, AND GRAINS				



TIMBER HARVEST ¹

ITEM	YEAR	MBF ¹	VALUE ²
TIMBER YIELD	2016	55,367	\$5,101,380
	2015	330	\$29,447
¹ Values furnished by the California State Board of Equalization			
² Quantity of timber cut and scaled (Thousand Board Feet)			

SUSTAINABLE AGRICULTURE REPORT

BIOLOGICAL CONTROL

BIOLOGICAL CONTROL IS THE DELIBERATE USE OF NATURAL ENEMIES TO SUPPRESS OR MANAGE PEST POPULATIONS AT ACCEPTABLE LEVELS.

PEST	AGENT / MECHANISM	SCOPE OF PROGRAM
BULL THISTLE	GALL FLY	Established
ITALIAN THISTLE	SEED HEAD WEEVIL	Established
KLAMATH WEED	KLAMATH WEED BEETLE	Established
YELLOW STARThISTLE	SEED HEAD WEEVIL	Established
	GALL FLY	
	FLOWER WEEVIL	
	HAIRY WEEVIL	
	PEACOCK FLY	
RED GUM LERP PSYLLID	WASP	Established
PUNCTURE VINE	STEM BORING WEEVIL	Established

PEST ERADICATION

THE FOLLOWING PESTS WERE UNDER ACTIVE CONTROL AND ERADICATION DURING THE YEAR: DALMATIAN TOADFLAX, SCOTCH THISTLE, PLUMELESS THISTLE, ARTICHOKE THISTLE, PURPLE STAR THISTLE, OBLONG SPURGE, CANADA THISTLE, SKELETON WEED, DYERS WOOD, STINKWORT, GOATS RUE AND HYDRILLA*.

* HYDRILLA IS A CDFA PROGRAM.

EXOTIC INSECT PESTS ¹

URBAN TRAPS		PROGRAM HOURS
287		1,078

¹ INCLUDES TRAPS FOR MEDITERRANEAN FRUIT FLY, ORIENTAL FRUIT FLY, MELON FLY, GYPSY MOTH AND JAPANESE BEETLE

GLASSY-WINGED SHARPSHOOTER TRAPPING

URBAN TRAPS	NURSERY TRAPS	PROGRAM HOURS
99	13	405

GLASSY-WINGED SHARPSHOOTER NURSERY SHIPMENT INSPECTIONS

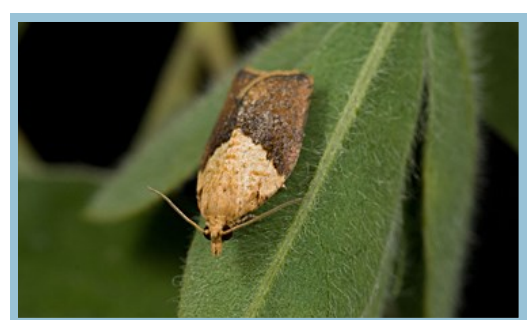
NUMBER OF INSPECTIONS		PROGRAM HOURS
18		30.5

LIGHT BROWN APPLE MOTH

TRAPS DEPLOYED	NURSERY TRAPS	PROGRAM HOURS
90	11	87

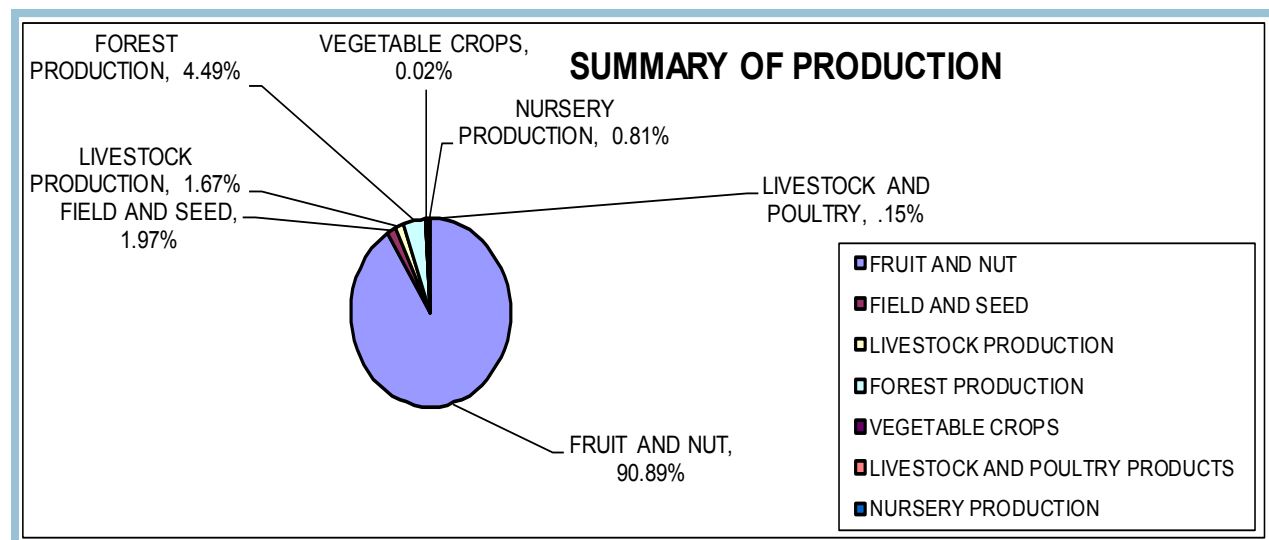
EUROPEAN GRAPEVINE MOTH

TRAPS DEPLOYED		PROGRAM HOURS
10		120



SUMMARY OF PRODUCTION

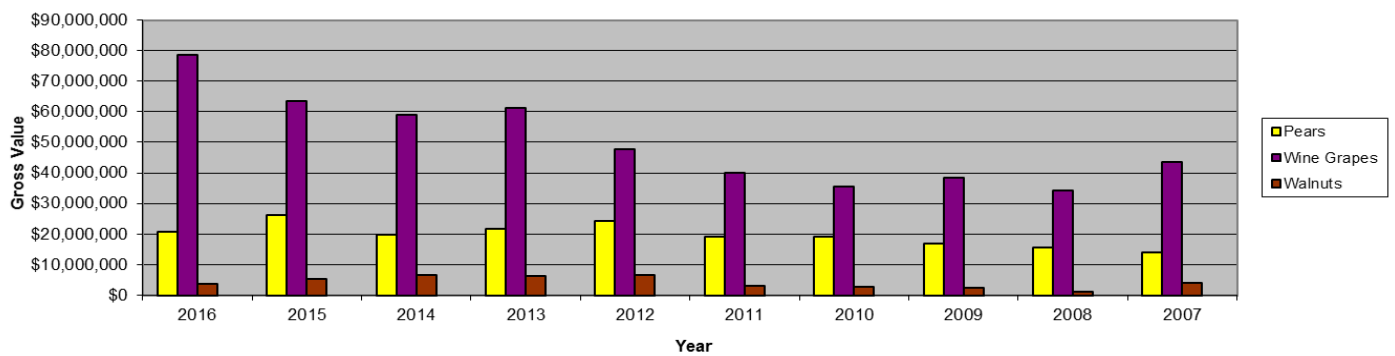
FRUIT AND NUT	2016	\$103,276,902
	2015	\$94,977,570
FIELD AND SEED	2016	\$2,235,500
	2015	\$1,959,865
LIVESTOCK PRODUCTION	2016	\$1,892,550
	2015	\$2,306,555
FOREST PRODUCTION	2016	\$5,101,380
	2015	\$29,447
VEGETABLE CROPS	2016	\$230,500
	2015	\$296,002
LIVESTOCK AND POULTRY PRODUCTS	2016	\$168,300
	2015	\$179,034
NURSERY PRODUCTION	2016	\$924,658
	2015	\$1,474,200
TOTAL	2016	\$113,829,790
	2015	\$101,222,673



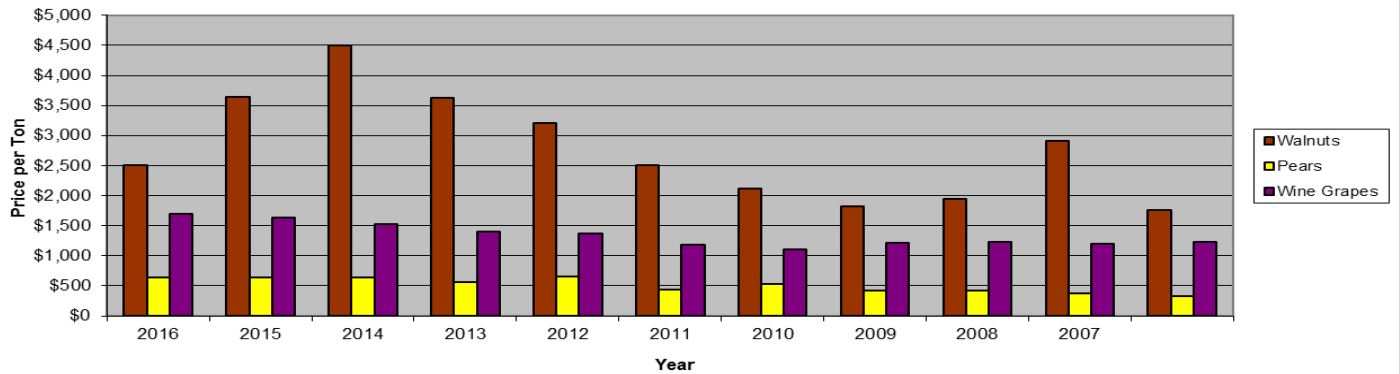
5 Year Value Comparison

Year	Fruit & Nut	Livestock Production	Livestock & Poultry Products	Nursery Production	Vegetable Production	Field & Seed Crops	Timber	Total Value
2016	\$103,276,902	\$1,892,550	\$168,300	\$924,658	\$230,500	\$2,235,500	\$5,101,380	\$113,829,790
2015	\$94,977,570	\$2,306,555	\$179,034	\$1,474,200	\$296,002	\$1,959,865	\$29,447	\$101,222,673
2014	\$85,560,872	\$2,306,555	\$137,760	\$941,566	\$286,309	\$2,600,000	\$397,690	\$92,230,752
2013	\$89,567,410	\$2,718,983	\$135,685	\$940,458	\$411,255	\$2,217,400	\$181,920	\$96,173,111
2012	\$78,634,818	\$2,390,555	\$149,321	\$1,443,295	\$344,182	\$1,872,340	\$7,900	\$84,842,411

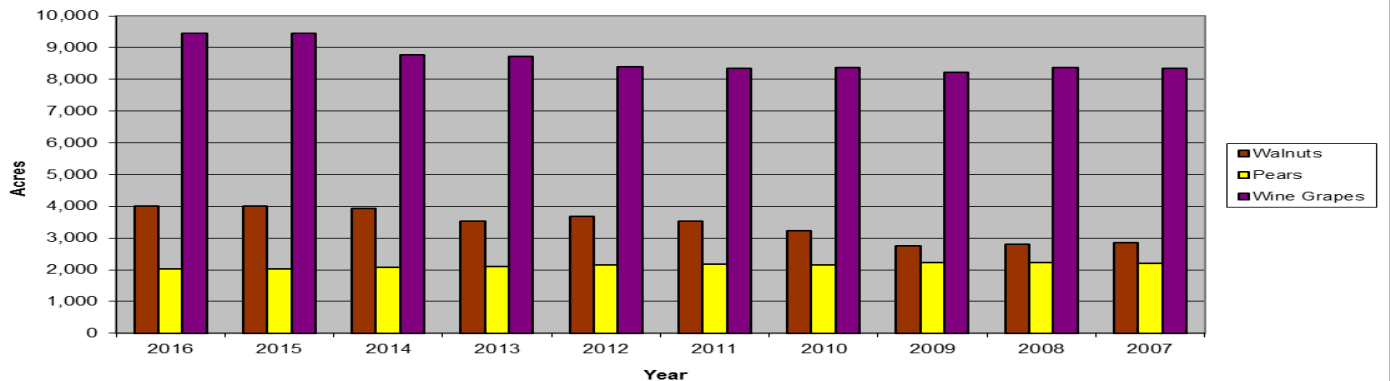
10 Year Value Comparison



10 Year Crop Returns



10 Year Acreage Comparison



Lake County Board of Supervisors

District 1: Jim Comstock

District 2: Jeff Smith

District 3: Jim Steele

District 4: Anthony Farrington

District 5: Rob Brown



2016 Agricultural Commissioner Staff

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